



# STIC Search Report

## EIC 3700

STIC Database Tracking Number: 132420

**TO: Andres Kashnikow**  
**Location: cp2 2a01**  
**Art Unit: 3700**  
**Tuesday, September 14, 2004**

**Case Serial Number: 10/646552**

**From: Terry Solomon**  
**Location: EIC 3700**  
**CP2-2C08**  
**Phone: 305-5932**

**Terrance.solomon@uspto.gov**

### Search Notes

No litigation found for US Pat. 6277085.

Sources: Lexis/Nexis and Orbit-Questel

**SEARCH REQUEST FORM****Scientific and Technical Information Center**

Requester's Full Name: ANNA KOSHNIKOW Examiner #: 60484 Date: 9/14/04  
 Art Unit: 3220 Phone Number 308-1132 Serial Number: 10/646,552  
 Mail Box and Bldg/Room Location: CP2-2A01 Results Format Preferred (circle): PAPER DISK E-MAIL

**If more than one search is submitted, please prioritize searches in order of need.**

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Please provide a detailed statement of the search topic, and describe as specifically as possible the subject matter to be searched. Include the elected species or structures, keywords, synonyms, acronyms, and registry numbers, and combine with the concept or utility of the invention. Define any terms that may have a special meaning. Give examples or relevant citations, authors, etc, if known. Please attach a copy of the cover sheet, pertinent claims, and abstract.

Title of Invention: \_\_\_\_\_

Inventors (please provide full names): \_\_\_\_\_

Earliest Priority Filing Date: \_\_\_\_\_

*\*For Sequence Searches Only\* Please include all pertinent information (parent, child, divisional, or issued patent numbers) along with the appropriate serial number.*

LIT. SEARCH FOR U.S. PATENT NO. 6,277,085

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**STAFF USE ONLY****Type of Search****Vendors and cost where applicable**

Searcher: <u>Solomon</u>	NA Sequence (#) _____	STN _____
Searcher Phone #: <u>305-5932</u>	AA Sequence (#) _____	Dialog _____
Searcher Location: <u>CP2 2cph</u>	Structure (#) _____	Questel/Orbit <u>\$9.78</u>
Date Searcher Picked Up: <u>9-14-04</u>	Bibliographic _____	Dr.Link _____
Date Completed: <u>9-14-04</u>	Litigation <u>X</u>	<u>Lexis/Nexis</u>
Searcher Prep & Review Time: <u>3</u>	Fulltext _____	Sequence Systems _____
Clerical Prep Time: _____	Patent Family _____	WWW/Internet _____
Online Time: <u>5</u>	Other _____	Other (specify) _____

328745 (09) 6277085 August 21, 2001

Time of Request: September 14, 2004 08:57 AM EDT

Research Information:

Utility, Design and Plant Patents  
patno=6277085

UNITED STATES PATENT AND TRADEMARK OFFICE GRANTED PATENT

6277085

August 21, 2001

Solenoidal skin vibrator energized by complex electric waveforms

**REISSUE:** August 21, 2004 - Reissue Application filed Ex. Gp.: 3764; Re. S.N. 10/646,552 (O.G. August 17, 2004)

**APPL-NO:** 328745 (09)

**FILED-DATE:** June 9, 1999

**GRANTED-DATE:** August 21, 2001

**LEGAL-REP:** Deimen, James M.

(C) QUESTEL 1994.  
QUESTEL.ORBIT (TM) 1998

Selected file: PLUSPAT  
PLUSPAT - (c) Questel-Orbit, All Rights Reserved.  
Comprehensive Worldwide Patents database

**\*\* SS 1: Results 1**  
**PRT SS 1 MAX 1 LEGALALL**

1 / 1 PLUSPAT - @QUESTEL-ORBIT - image

**Patent Number :**

US6277085 B1 20010821 [US6277085]

**Title :**

(B1) Solenoidal skin vibrator energized by complex electric waveforms

**Inventor(s) :**

(B1) FLYNN MICHAEL P (US)

**Application Nbr :**

US32874599 19990609 [1999US-0328745]

**Filing Details :**

Rel. Prov. 60/088,619 19980609 [1998US-P088619]

**Priority Details :**

US32874599 19990609 [1999US-0328745]

US8861998P 19980609 [1998US-P088619]

**Intl Patent Class :**

(B1) A61H-001/00

**EPO ECLA Class :**

A61H-023/02F

**EPO ICO Class :**

K61H-023/06

**US Patent Class :**

ORIGINAL (O) : 601080000; CROSS-REFERENCE (X) : 601078000

**Document Type :**

Basic

**Citations :**

US2675800; US3727607; US5007410; US5165814; US5471695; US6001072;  
CH065598; CH306783; DE558592; FR1069323; JP406120866

**Publication Stage :**

(B1) U.S. Patent (no pre-grant pub.) after Jan. 2, 2001

**Abstract :**

A new skin vibrator converts simple or complex electrical waveforms into simple or complex mechanical waveforms or vibrations that are applied to the skin and underlying tissues for therapy or pleasure. The complex waveforms may be completely random in response to the output of a random electrical noise generator, or non-random but complex in response to music or speech. In effect, random acoustic vibrations or speech or musical vibrations are induced in the skin and underlying tissues. The vibrator comprises an oblong hollow body having a solenoidal motor mounted inside. The solenoid is partially damped at both extremes of its stroke to buffer the impact within the vibrator and thereby soften the vibration. Wires extend from the vibrator for connection with a signal generator, audio amplifier or other source of the electrical waveforms.

**Update Code :**

2001-35

1 / 1 LGST - @EPO

**Patent Number :**

US6277085 B1 20010821 [US6277085]

**Application Number :**

US32874599 19990609 [1999US-0328745]  
**Action Taken :**  
20040817 US/RF-A  
REISSUE APPLICATION FILED  
EFFECTIVE DATE: 20040821  
**Update Code :**  
2004-35

1 / 1 CRXX - @CLAIMS/RRX  
**Patent Number :**  
6,277,085 A 20010821 [US6277085]  
**Patent Assignee :**  
Flynn, Michael P  
**Actions :**  
20040821 REISSUE REQUESTED  
ISSUE DATE OF O.G.: 20040817  
REISSUE REQUEST NUMBER: 10/646552  
EXAMINATION GROUP RESPONSIBLE FOR REISSUEPROCESS: 3764

Reissue Patent Number:

Session finished: 14 SEP 2004 Time 15:00:20  
QUESTEL.ORBIT thanks you. Hope to hear from you again soon.